

2 MAY 2011

TO WHOM IT MAY CONCERN,

THE FOLLOWING PAPER IS HANDWRITTEN DUE TO COMPUTER PROBLEMS.  
THE FOLLOWING PAPER DEALS WITH ELECTRICITY AND THE  
TECHNOLOGY OF REDUCING SOLID WASTE INTO ELEMENTAL METALS.  
I WAS ORIGINALLY GOING TO SEND THIS PAPER TO THE UTAH  
SOLID WASTE DIVISION.

- THIS PROCESS COULD ALSO HELP THE UTAH MINERAL  
INDUSTRY. THIS PROCESS COULD BREAK DOWN ORES INTO  
ELEMENTS. THESE ELEMENTS ARE PURE METALS. VIRTUALLY  
EVERY INCH OF UTAH HAS VALUE.

BECAUSE OF THE SIZE OF THE EQUIPMENT, THIS MACHINE  
WILL NOT COMPETE WITH FOSSIL FUELS.

I HAVE MUCH MORE FOSSIL FUEL MATERIAL I CAN  
SEND YOU.

I USED TO LIVE IN UTAH AND WOULD DEFINATELY GO  
BACK FOR THE RIGHT REASONS.

PLEASE CONTACT ME WHEN YOU RECIEVE THIS.

I AM SENDING THIS TWICE TO GUARANTEE IT GETS THERE.

THANK YOU,

Thomas A. Mangan

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RECEIVED

MAY 09 2011

NATURAL RESOURCES

RECEIVED

MAY 10 2011

DIV. OF OIL, GAS & MINING

1 MAY 2011

TO WHOM IT MAY CONCERN,

THE FOLLOWING PAPER IS HANDWRITTEN DUE TO COMPUTER PROBLEMS. THE FOLLOWING PAPER EXPLAINS A NEW FORM OF ELECTRIC POWER GENERATION. THIS MACHINE IS A COMBINATION OF SYSTEMS. THIS MACHINE IS ABLE TO GENERATE POWER WITHOUT THE ADDITION OF FUEL. THIS IN EFFECT MEANS THAT THIS MACHINE CREATES A STEADY STREAM OF FREE ELECTRICITY.

THERE ARE MANY USES FOR THIS ENERGY. YOUR OFFICE DEALS WITH RECYCLING. WE WILL EXPLORE THE RECYCLING APPLICATION. WHEN A SUBSTANCE IS HEATED LONG ENOUGH AT A HIGH ENOUGH TEMPERATURE, THE SUBSTANCE SEPERATES INTO ELEMENTS. THERE ARE MANY ELECTRIC KILNS IN EXISTANCE THAT PERFORM THIS FUNCTION. FREE ELECTRICITY MAKES THIS PROCESS FREE.

THIS MEANS THAT SOLID WASTE OF ANY KIND CAN BE BROKEN DOWN INTO ELEMENTAL METALS.

THE UNITED STATES CURRENTLY IMPORTS MOST OF ITS MINERAL AND METAL NEEDS. WITH THIS TECHNOLOGY, THE US COULD PROVIDE ALL ITS OWN MINERAL AND METAL NEEDS.

THE US IS CURRENTLY IN RECESSION. THE INTRODUCTION OF A DOMESTIC METAL SOURCE CREATES A NEW SOURCE OF REVENUE AND DOES NOT HURT DOMESTIC PRODUCES. IN MANY CASES, THERE ARE NO DOMESTIC PRODUCERS.

THIS IS CURRENTLY A DESIGN. I WOULD LOVE TO WORK WITH YOU TO MAKE IT A REALITY.

I HAVE MUCH MORE MATERIAL ON ENERGY AND OTHER SUBJECTS I CAN SEND YOU. I AM SENDING THIS TWICE TO GUARANTEE IT GETS THERE. THANK YOU, Thomas A. Mangan

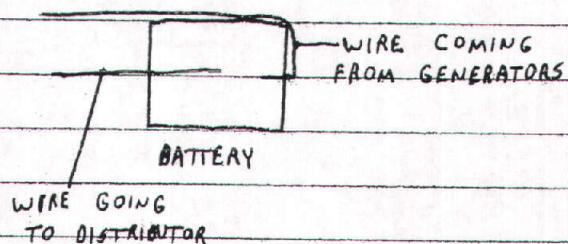
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TO WHOM IT MAY CONCERN,

I HAVE INVENTED A NEW FORM OF POWER GENERATION AND WOULD LIKE YOUR OPINION ON WHAT THE NEXT STEP SHOULD BE. THE INDIVIDUAL PARTS WILL FIRST BE EXPLAINED AND THEN THEIR ASSEMBLY. I WILL FOCUS ON EXPLAINING THE CONCEPT AND WILL OMIT SIZES AND SPECIFICATIONS.

BATTERY

ALL THE POWER FOR THE GENERATOR WILL COME FROM THE BATTERY. ALL THE POWER GENERATED BY THE GENERATOR WILL GO TO THE BATTERY.



DISTRIBUTOR

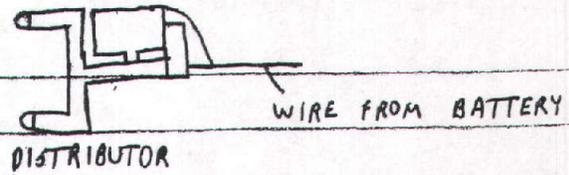
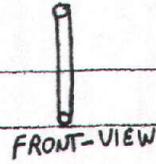
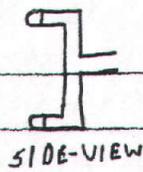
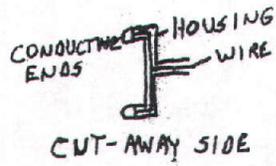
THE PURPOSE OF THE DISTRIBUTOR IS TO RECIEVE POWER FROM THE BATTERY AND RELAY IT IN A ROTATING PATTERN. THE DISTRIBUTOR WILL HAVE THREE MAIN PARTS. MOTOR, BELT, POWER RELAY ARM. (MOTOR) THE MOTOR WILL BE A SIMPLE ELECTRIC MOTOR. IT WILL TURN A DRUM.



(BELT) THE BELT WILL EXTEND FROM THE DRUM ON THE MOTOR TO THE POWER RELAY ARM.

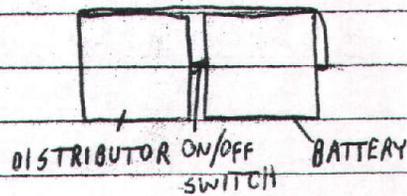
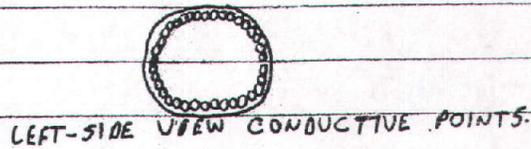
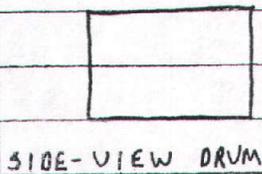


(POWER RELAY ARM) THE PURPOSE OF THIS PIECE IS TO TRANSMIT POWER IN A CIRCULAR PATTERN. THIS PIECE WILL CONSIST OF CONDUCTIVE WIRE, HOUSING FOR THE CONDUCTIVE WIRE, AND TWO FLEXIBLE CONDUCTIVE ENDOPIECES.



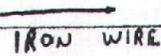
IN USE, THE POWER RELAY ARM WILL SPIN AT A PRE-DETERMINED SPEED. THE MOTOR AND POWER RELAY ARM WILL BE FED FROM THE BATTERY.

THE PIECES WILL BE HOUSED IN A DRUM CASING. ON THE LEFT SIDE WILL BE CONDUCTIVE POINTS THAT WILL LINE UP WITH THE POWER RELAY ARM.

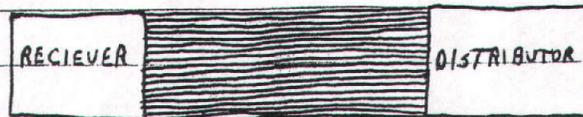


ELECTROMAGNETS

OUR GENERATOR WILL BE POWERED USING THE PRINCIPALS OF ELECTROMAGNETISM. FIRSTLY, WE WILL EXPLAIN THE ELECTROMAGNETS. THE ELECTROMAGNETS WILL CONSIST OF A SOFT IRON WIRE WITH A CONDUCTIVE WIRE WRAPPED AROUND IT.



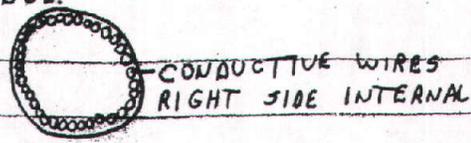
THE ELECTROMAGNETS WILL EXTEND FROM THE DISTRIBUTOR TO THE RECIEVER.



THE ELECTROMAGNETS WILL FORM A COMPLETE CIRCLE.

RECEIVER

THE RECEIVER WILL BE A DRUM WITH CONDUCTIVE WIRES IN IT. A WIRE WILL EXTEND FROM EACH CONDUCTIVE POINT. THESE WIRES WILL MEET IN THE MIDDLE.



THE MAIN CONDUCTIVE WIRE WILL RECEIVE POWER FROM ALL OF THE OTHER WIRES AND TRANSMIT THIS POWER IN A CONTINUOUS FLOW.

ELECTRIC GENERATORS.

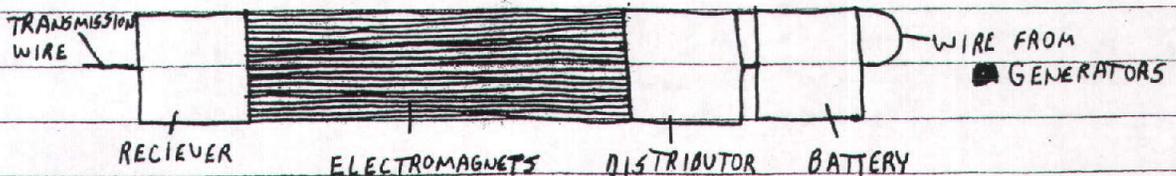
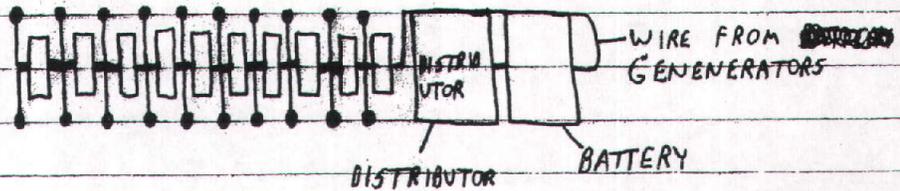
WITHIN THE ELECTROMAGNETS WE WILL PLACE OUR MAGNETIC RODS AND GENERATORS. IN THEORY, AN UNLIMITED NUMBER OF GENERATORS COULD BE EMPLOYED. WE WILL USE TEN.



MAGNETIC ROD



ELECTRIC GENERATOR

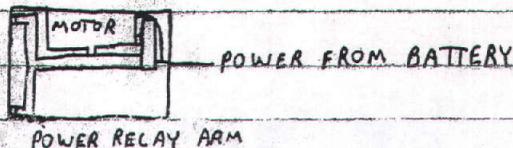


MAGNETIC RODS AND GENERATORS INSIDE OF ELECTROMAGNETS.

FINAL VIEW

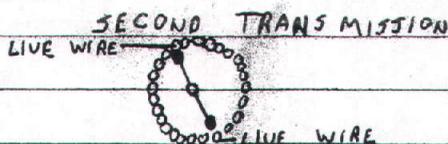
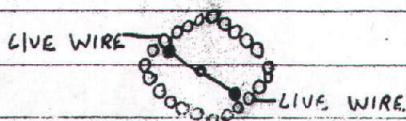
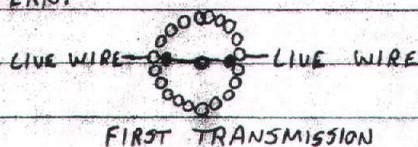
### OPERATION

WE WILL BEGIN WITH A FULL BATTERY. THE BATTERY WILL SEND POWER TO THE DISTRIBUTOR. THE DISTRIBUTOR WILL ~~SEND~~ DIVIDE THE POWER BETWEEN THE MOTOR AND POWER RELAY ARM.



WHEN THE MOTOR AND POWER RELAY ARM OPERATE SIMULTANEOUSLY, THE POWER RELAY ARM WILL TRANSMIT POWER IN A CIRCULAR PATTERN TO THE CONDUCTIVE POINTS AND TO THE ELECTROMAGNETS.

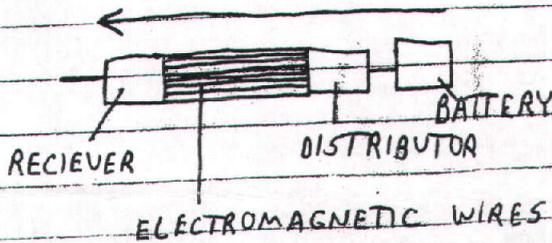
THIS IS THE BASIS OF THE GENERATING PRINCIPLE. LIVE ELECTRICITY WILL BE SENT OVER DIFFERENT ELECTROMAGNETS IN A ROTATING PATTERN. THIS WILL MEAN THAT THE MAGNETIC RODS WILL BE ATTRACTED TO DIFFERENT ELECTROMAGNETS IN A ROTATING PATTERN.



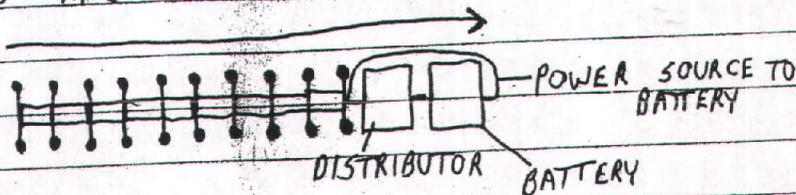
THE TURNING OF THE MAGNETIC RODS WILL POWER THE ELECTRIC GENERATORS.

(5)

ELECTRICITY WILL MOVE IN TWO DIRECTIONS. IN ONE DIRECTION, ELECTRICITY WILL GO FROM THE BATTERY, TO THE DISTRIBUTOR, TO THE ELECTROMAGNETIC WIRES, TO THE RECIEVER AND OUT.



IN THE OTHER DIRECTION, ELECTRICITY WILL BE GENERATED BY THE RODS AND GENERATORS AND SENT TO THE BATTERY.



IF THE BATTERY IS BOTH FED AND TRANSMITS POWER AT THE SAME TIME, THE PROCESS COULD GO ON INDEFINATELY AND CREATE UNLIMITED AMOUNTS OF ELECTRICITY.

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